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Sent: Tuesday, May 19, 2020 9:59 AM

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Subject: [Non-DoD Source] HPNS Parcel E Phase 1 and Phase 3 Weekly CQC Meetings

Attachments: D2005 CTO 0024 Project QC Meeting 021 Parcel E Phase 1 Agenda 2020-0519.pdf; Phase 3 Preparatory Meeting_DFOV 17 Sheet Pile Shoring.pdf; D0006 CTO 4761 Project QC Meeting 006 Parcel E Phase 3 051920 Agenda.pdf

Good Morning-

Attached are the materials for the Phase 1 and Phase 3 CQC Meetings as well as the Phase 3 Preparatory Meeting (Sheet Pile Shoring).

Regards,

Kevin

Kevin Hoch

Quality Control Manager

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Project QC Meeting #006 Agenda (05/19/2020)
Parcel E Remedial Action – Phase 3
Hunters Point Naval Shipyard, San Francisco, CA
Contract N62473-17-D-0006 CTO 4761

Call-in number: (b) (4)

Start: 1120

End:

Safety Topic: Situational Awareness

Old Business

Submittals

- Submittal 001 - Rebar for Seawall
 - Submitted to Navy for informational purposes only on 2/17/20
- Submittal 002 – Shoring Design
 - Approved by Navy on 03/24/20
- Submittal 003 – Slurry Mix Design
 - Approved by Navy on 02/27/20
- Submittal 004 – Import Fill (Stanford Pile)
 - Approved by Navy on 03/24/20
- Submittal 005 – Drain Rock (Virgin Source Material - Vulcan Pilarcitos Quarry in Half Moon Bay and Hanson Aggregates Sunol Quarry)
 - Approved by Navy on 03/24/20
- Submittal 006 – Rip Rap Armor Stone (Product data sheets/test reports)
 - **Approved by Navy 5/18/20**
- Submittal 007 – Slurry Wall Implementation Plan
 - **Approved by Navy 5/18/20**

New Business

Status of Work

- Continued topographic survey
- Continued clearing surface debris, IR02 Northwest Slurry Wall rough cut of working platform
- Conducted Surface Debris Radiological Characterization
- Site maintenance ongoing (BMPs, fencing, etc.)
- Conducted upwind and downwind continuous air monitoring as well as work area real-time dust monitoring using personal data RAMs (pDRs)

Navy QA Oversight Update

- Biologists
- UXO
- RAD

Project QC Meeting #006 Agenda (05/19/2020)
Parcel E Remedial Action – Phase 3
Hunters Point Naval Shipyard, San Francisco, CA
Contract N62473-17-D-0006 CTO 4761

Visitors

- Hamid Naimi – Navy ROICC
- Doug DeLong – Navy CSO
- Jamie DelPozzo – BioMaAS
- Chris Perry – BioMaAS
- Dave McMurdo – Bellecci
- Rodney Metcalf – JRM
- Luis Gonzalez – JRM

Work to be accomplished the remainder of this week

- Re-install turbidity curtain
- Continue clearing surface debris, IR02 Northwest Slurry Wall
- Conduct shoreline excavations (confirmation sampling, backfill, etc):
 - EX02SNL01
 - EX02SNL02
 - EX02SNL03
- Receive sheet pile
- Receive import fill/rock
- Daily air monitoring
- Site maintenance (BMPs, fencing, etc.)

Work to be accomplished in the next two weeks (See attached 2-week look ahead)

- Install water line
- Install water tanks
- Install Sheet Pile Wall along IR-02 Northwest shoreline
- Clear and Grub, Clear Surface Debris in EOS-1, EOS-3, & EOS-4
- Radiological Screening of Surface Debris in EOS-1, EOS-3, & EOS-4
- Daily air monitoring
- Site maintenance (BMPs, fencing, etc.)

Inspections

Preparatory

- None

Initial

- None

Follow-up

- Dust Control and Air Monitoring
- Radiological Controls
- Pre-con Topographical Survey
- Clear IR02 Shoreline Debris
- Install IR02 Slurry Wall Working Platform
- UXO Construction Oversight

Project QC Meeting #006 Agenda (05/19/2020)
Parcel E Remedial Action – Phase 3
Hunters Point Naval Shipyard, San Francisco, CA
Contract N62473-17-D-0006 CTO 4761

Off-site Work or Materials Testing

- None

Additional Documentation Required

- None

QC, Production Issues

- None

Safety Issues

- All work was completed safely with no accidents or near misses reported.

Items That May Require Revising Project Plans

- None

Action Items

- None

Comments/Questions

Current Week and Two Week Look Ahead*

Parcel E Remedial Action – Phase 3
Hunters Point Naval Shipyard, San Francisco, CA
Contract N62473-17-D-0006 CTO 4761

05/18/2020 Monday	05/19/2020 Tuesday	05/20/2020 Wednesday	05/21/2020 Thursday	05/22/2020 Friday	05/23/2020 Saturday	05/24/2020 Sunday
<ul style="list-style-type: none"> Clear surface debris, IR02 Northwest Slurry Wall / rough cut of working platform Clear and Grub, Clear Surface Debris in EOS-1, EOS-3, & EOS-4 Surface Debris Radiological Characterization in EOS-1, EOS-3, & EOS-4 Rad Controls and support (all week) UXO support (all week) Air monitoring (all week) BMP Inspection/ site maintenance (Daily) 	<ul style="list-style-type: none"> Weekly CQC Meeting Clear surface debris, IR02 Northwest Slurry Wall / rough cut of working platform Clear and Grub, Clear Surface Debris in EOS-1, EOS-3, & EOS-4 Surface Debris Radiological Characterization in EOS-1, EOS-3, & EOS-4 Preparatory Meeting – <i>DFOW 17 Install IR02NW Shoring</i> 	<ul style="list-style-type: none"> Clear surface debris, IR02 Northwest Slurry Wall / rough cut of working platform Clear and Grub, Clear Surface Debris in EOS-1, EOS-3, & EOS-4 Surface Debris Radiological Characterization in EOS-1, EOS-3, & EOS-4 Conduct shoreline excavations: <ul style="list-style-type: none"> EX02SNL01 EX02SNL03 Collect confirmation samples, backfill Soil stockpile Begin receiving sheet pile for slurry wall bench 	<ul style="list-style-type: none"> Clear and Grub, Clear Surface Debris in EOS-1, EOS-3, & EOS-4 Surface Debris Radiological Characterization in EOS-1, EOS-3, & EOS-4 Conduct shoreline excavation <ul style="list-style-type: none"> EX02SNL02 Collect confirmation samples, backfill Soil stockpile 	<ul style="list-style-type: none"> Complete shoreline excavation <ul style="list-style-type: none"> EX02SNL02 Collect confirmation samples, backfill Soil stockpile 	No fieldwork	No fieldwork
05/25/2020 Monday	05/26/2020 Tuesday	05/27/2020 Wednesday	05/28/2020 Thursday	05/29/2020 Friday	05/30/2020 Saturday	05/31/2020 Sunday
<ul style="list-style-type: none"> Memorial Day – No Fieldwork 	<ul style="list-style-type: none"> Weekly CQC Meeting Install water line Prepare for sheet pile installation Clear and Grub, Clear Surface Debris in EOS-1, EOS-3, & EOS-4 Conduct shoreline excavation <ul style="list-style-type: none"> EX02SNL02 Collect confirmation samples Soil stockpile Rad Controls and support (all week) UXO support (all week) Air monitoring (all week) BMP Inspection/ site maintenance (Daily) 	<ul style="list-style-type: none"> Install water line Clear and Grub, Clear Surface Debris in EOS-1, EOS-3, & EOS-4 Prepare for sheet pile installation 	<ul style="list-style-type: none"> Install water line Install Sheet Pile Wall along IR-02 shoreline Clear and Grub, Clear Surface Debris in EOS-1, EOS-3, & EOS-4 	No fieldwork	No fieldwork	No fieldwork
06/01/2020 Monday	06/02/2020 Tuesday	06/03/2020 Wednesday	06/04/2020 Thursday	06/05/2020 Friday	06/06/2020 Saturday	06/07/2020 Sunday
<ul style="list-style-type: none"> Install water line Install Sheet Pile Wall along IR-02 shoreline Clear and Grub, Clear Surface Debris in EOS-1, EOS-3, & EOS-4 Rad Controls and support (all week) UXO support (all week) Air monitoring (all week) BMP Inspection/ site maintenance (Daily) 	<ul style="list-style-type: none"> Weekly CQC Meeting Install Sheet Pile Wall along IR-02 shoreline Gamma walkover survey Post Pad Construction RSY Pads IR-02 Northwest Clear and Grub, Clear Surface Debris in EOS-1, EOS-3, & EOS-4 	<ul style="list-style-type: none"> Install Sheet Pile Wall along IR-02 shoreline Large Debris Radiological Screening in EOS-1, EOS-3, & EOS-4 	<ul style="list-style-type: none"> Install Sheet Pile Wall along IR-02 shoreline Large Debris Radiological Screening in EOS-1, EOS-3, & EOS-4 	No fieldwork	No fieldwork	No fieldwork

*Subject to change based on field conditions

Project QC Meeting #021 Agenda (05/19/2020)
Parcel E Remedial Action – Phase 1
Hunters Point Naval Shipyard, San Francisco, CA
Contract N62473-12-D-2005 CTO 0024

Call-in number: (b) (4)

Start: 1100

End:

Safety Topic: Situational Awareness

Old Business

Field Change Requests (FCR)

- 001: Existing SS/SD lines in RA excavations – **Navy Approved (05/01/20)**
- 002: ISO-Pacific Soil Sorting System (S3) Proof of Concept Demonstration.
 - Approval was received by APTIM on 12/31.
- 003: Former SS/SD trenches in RA excavations - **In Navy review**
- 004: Excavation Dewatering - Navy approved 3/12
- 005: Addition of back-up laboratory (Enthalpy) to expedite TAT –Navy RPM approved 3/12/2020. SAP addendum (FCR) submitted 3/13/2020 to QAO. 4/17/20 – **cancelled** as Enthalpy lab closed (permanently out of business)
- 006: Impacts of the radiological rework areas on non-excavation, intrusive RA activities (i.e. well installation/decommissioning, GW injections, and soil gas surveys). APTIM prepared draft FCR; but on hold as need Navy to confirm extent of rework areas and potential limitations to planned Phase 1 RA work outside of IR-02 to identify impacts. – **on hold**

Submittals

- Submittal 001 – Import Fill (Stanford Pile)
 - Approved by Navy on 12/19/19; CDPH 01-08-2020
- Submittal 002 – Drain Rock (Virgin Source Material - Vulcan Pilarcitos Quarry in Half Moon Bay and Hanson Aggregates Sunol Quarry)
 - Approved by Navy on 02/27/2020

New Business

Status of Work

- Continued land survey (excavation footprint)
- Completed construction of 12 RSY Pads
- Started transferring soil to RSY Pads and preparing for radiological surveys
- Continue clearing and grubbing at EOS-01
- Conduct pre-excavation gamma-walkover surveys
- Completed 7 excavations: EX02GR93SW, EX02B100, EX02B122E, EX02B403, EX02MW149, EX02B461, and EX02B398
 - Collected confirmation samples
- Started excavations at EX02B122B (R1 and R2) and EX02B401
 - Found 2 LLRO's in pre-excavation survey (EX02B122)
- Waste stockpiling
- Site maintenance (BMPs, fencing, etc.)
- Conducted upwind and downwind continuous air monitoring as well as work area real-time dust monitoring using personal data RAMs (PDRs).

Project QC Meeting #021 Agenda (05/19/2020)
Parcel E Remedial Action – Phase 1
Hunters Point Naval Shipyard, San Francisco, CA
Contract N62473-12-D-2005 CTO 0024

Navy QA Oversight Update

- Biologists
- UXO
- RAD

Excavation Analytical Results Tracking

- Confirmation sample results due late this week

Visitors

- Hamid Naimi – Navy ROICC
- Doug Delong – Navy CSO
- Jamie DelPozzo – BioMaAS
- Chris Perry – BioMaAS
- Dave McMurdo – Bellecci
- Luis Gonzalez – JRM

Work to be accomplished the remainder of this week

- Start RSY Pad gamma walkover surveys
- Continue clearing and grubbing at EOS-01
- Continue excavation EX02B122B (ESS/RAD)
- Complete excavation EX02B401
 - Conduct post-excavation sampling
 - Waste stockpiling
- Receive import rock and fill
- Site maintenance (BMPs, fencing, etc.)

Work to be accomplished in the next two weeks (See attached 2-week look ahead)

- Continue excavations in EOS-01 and EOS-2
- Conduct backfilling of excavations as appropriate
- Load, place on RSY Pads, and gamma walkover survey of excavated soil
 - Conduct GWS Follow-up Investigations
 - Collect RAD samples (Systematic & Biased)
- Conducted upwind and downwind continuous air monitoring as well as work area real-time dust monitoring using personal data RAMs (PDRs).
- Site maintenance (BMPs, fencing, etc.)

Inspections

Preparatory

- None

Initial

- None

Project QC Meeting #021 Agenda (05/19/2020)
Parcel E Remedial Action – Phase 1
Hunters Point Naval Shipyard, San Francisco, CA
Contract N62473-12-D-2005 CTO 0024

Follow-up

- Debris Removal-Vegetation Clearance
- Dust Control and Air Monitoring
- Radiological Controls
- UXO Construction Oversight
- Soil Excavations

Off-site Work or Materials Testing

- None

Additional Documentation Required

- None

QC, Production Issues

- None

Safety Issues

- All work was completed safely with no accidents or near misses reported.

Items That May Require Revising Project Plans

- None

Action Items

Comments/Questions

Current Week and Two Week Look Ahead*

Parcel E Remedial Action – Phase 1
Hunters Point Naval Shipyard, San Francisco, CA
Contract N62473-12-D-0005 CTO 0024

05/18/2020 Monday	05/19/2020 Tuesday	05/20/2020 Wednesday	05/21/2020 Thursday	05/22/2020 Friday	05/23/2020 Saturday	05/24/2020 Sunday
<ul style="list-style-type: none"> • Pre Excavation GWS • Excavation EOS-01 (ESS/RAD) <ul style="list-style-type: none"> ◦ EX02B122B_R1 • Excavation EOS-02 (RAD) <ul style="list-style-type: none"> ◦ EX02B398 • Post excavation sampling • Waste stockpiling • Load, Place on RSY Pads, and Gamma Walkover Survey of Excavated Soil • Rad Controls and support (all week) • UXO support (all week) • Air monitoring (all week) • BMP Inspection/site maintenance (Daily) 	<ul style="list-style-type: none"> • Weekly CQC Meeting • Pre Excavation GWS • Excavation EOS-01 (ESS/RAD) <ul style="list-style-type: none"> ◦ EX02B122B_R2 • Excavation EOS-02 (RAD) <ul style="list-style-type: none"> ◦ EX02B401 • Post excavation sampling • Waste stockpiling • Load, Place on RSY Pads, and Gamma Walkover Survey of Excavated Soil • Receive import rock and fill 	<ul style="list-style-type: none"> • Excavation EOS-02 (RAD) <ul style="list-style-type: none"> ◦ EX02B401 • Waste stockpiling • Load, Place on RSY Pads, and Gamma Walkover Survey of Excavated Soil 	<ul style="list-style-type: none"> • Excavation EOS-02 (RAD) <ul style="list-style-type: none"> ◦ EX02B401 • Post excavation sampling • Waste stockpiling • Load, Place on RSY Pads, and Gamma Walkover Survey of Excavated Soil • GWS Follow-up Investigations • RAD Sample (Systematic & Biased) 	No fieldwork**	No fieldwork	No fieldwork
05/25/2020 Monday	05/26/2020 Tuesday	05/27/2020 Wednesday	05/28/2020 Thursday	05/29/2020 Friday	05/30/2020 Saturday	05/31/2020 Sunday
<ul style="list-style-type: none"> • Memorial Day – No Fieldwork 	<ul style="list-style-type: none"> • Weekly CQC Meeting • Pre Excavation GWS • Continue excavations: EOS-01 (ESS/RAD), Excavation EOS-02 (RAD) • Post excavation sampling • Waste stockpiling • Load, Place on RSY Pads, and Gamma Walkover Survey of Excavated Soil • GWS Follow-up Investigations • RAD Sample (Systematic & Biased) • Rad Controls and support (all week) • UXO support (all week) • Air monitoring (all week) • BMP Inspection/site maintenance (Daily) 	<ul style="list-style-type: none"> • Pre Excavation GWS • Continue excavations: EOS-01 (ESS/RAD), Excavation EOS-02 (RAD)Post excavation sampling • Waste stockpiling • Load, Place on RSY Pads, and Gamma Walkover Survey of Excavated Soil • GWS Follow-up Investigations 	<ul style="list-style-type: none"> • Pre Excavation GWS • Continue excavations: EOS-01 (ESS/RAD), Excavation EOS-02 (RAD) • Post excavation sampling • Waste stockpiling • Load, Place on RSY Pads, and Gamma Walkover Survey of Excavated Soil • GWS Follow-up Investigations 	No fieldwork**	No fieldwork	No fieldwork
06/01/2020 Monday	06/02/2020 Tuesday	06/03/2020 Wednesday	06/04/2020 Thursday	06/05/2020 Friday	06/06/2020 Saturday	06/07/2020 Sunday
<ul style="list-style-type: none"> • Pre Excavation GWS • Continue excavations: EOS-01 (ESS/RAD), Excavation EOS-02 (RAD)Post excavation sampling • Waste stockpiling • GWS Follow-up Investigations • Rad Controls and support (all week) • UXO support (all week) • Air monitoring (all week) • BMP Inspection/site maintenance (Daily) 	<ul style="list-style-type: none"> • Weekly CQC Meeting • Pre Excavation GWS • Continue excavations: EOS-01 (ESS/RAD), Excavation EOS-02 (RAD)Post excavation sampling • Waste stockpiling • GWS Follow-up Investigations • RAD Sample (Systematic & Biased) 	<ul style="list-style-type: none"> • Pre Excavation GWS • Continue excavations: EOS-01 (ESS/RAD), Excavation EOS-02 (RAD) • Post excavation sampling • Waste stockpiling • GWS Follow-up Investigations 	<ul style="list-style-type: none"> • Pre Excavation GWS • Continue excavations: EOS-01 (ESS/RAD), Excavation EOS-02 (RAD)Post excavation sampling • Waste stockpiling • GWS Follow-up Investigations 	No fieldwork**	No fieldwork	No fieldwork

*Subject to change based on field conditions and pending resolution of FCRs

** APTIM will work four, 10-hour days until further notice

CTO 4761 Hunters Point Naval Shipyard Parcel E Remedial Action – Phase 3
Preparatory Meeting Agenda – DFOV 17 Sheet Pile Shoring
Call-In: 1-469-270-0551; Code: 924267600#

Contractor: APTIM

Project No. 501158

Contract No. N62473-12-D-2005 CTO 0025

Date: 5/18/2020

Time: 1130

Plans and specs have been reviewed	Y
Submittals have been approved	Y
Are all materials on hand? If no, what is missing?	N
Materials comply with approved submittals and are stored correctly	N/A
Preliminary work done in accordance with contract	Y
Necessary permits are on file	N/A
Testing Plan and Log has been reviewed	Y
Work method and schedule have been discussed	Y
AHAs approved and in line with applicable version of EM385-1-1	Y
The Navy was notified at least 48 hours prior to meeting	Y

Identify Feature(s) of Work and Location

Work References: *Final Remedial Action Work Plan, Parcel E Remedial Action – Phase 3, Hunters Point Naval Shipyard San Francisco, CA* (September 2019)

Work Location: IR02 Northwest Slurry Wall alignment, Hunters Point Naval Shipyard Parcel E

Work Description:

- Temporary sheet pile shoring installation

Work Method:

- The temporary shoring, in the form of cantilevered steel sheet piles, will be installed using a long-reach excavator fitted with a vibraplate compactor attachment, capable of grasping, placing, and installing pile sections. The sheet piles will be installed using vibratory methods or other non-impact driving methods to avoid generating high noise levels and impacts to special status aquatic species. The sheet piles will be installed with the male lock leading in order to eliminate the female lock getting filled up with soil and hindering the pile driving. As the piles are Z-shaped, they will be paired before being driven. Each sheet will be lagged into the driving guide that will maintain the sheets plumb and aligned during driving.
- Approved Sheet Pile Shoring Design based on:
 - AISC Steel Construction Manual
 - Caltrans Trenching and Shoring Manual

Health & Safety:

- Accident Prevention Plan is available on site, applicable AHAs reviewed prior to start of work
- Daily JSA to be reviewed and signed by all on site prior to start of work
- PPE – Modified Level D with hard hat, safety boots, safety eyewear, long pants, appropriate gloves for specific task
- Current certifications for all personnel

**CTO 4761 Hunters Point Naval Shipyard Parcel E Remedial Action – Phase 3
Preparatory Meeting Agenda – DFOW 17 Sheet Pile Shoring**

Call-In: (b) (4)

Schedule:

- Sheet pile subcontractor to begin delivering sheet piling to HPNS on 5/20, and is expected to begin driving sheet pile on or around 5/28

Comments/Questions:

